

EXPRESS

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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**☒ Declaration  
Submitted  
With Initial  
Filing

OR

☐ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

PU020329

First Named Inventor

David Aaron Crowther

**COMPLETE IF KNOWN**

Application Number

/

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HETEROGENEOUS DISK STORAGE MANAGEMENT TECHNIQUE

the specification of which

(Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

06/04/2003

as United States Application Number or PCT International

Application Number

PCT/US03/17608

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/392,779	July 1, 2002	

[Page 1 of 3]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number or Bar Code Label  OR ☒ Correspondence address below

<b>Name</b>	<u>JOSEPH S. TRIPOLI</u>		
<b>Address</b>	<u>Thomson Licensing Inc.</u>		
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<u>USA</u>	<u>609-734-6834</u>	<u>(609) 734 - 6888</u>	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR:** ☐ A petition has been filed for this unsigned inventor

<b>Given Name</b> <u>DAVID AARON</u>	<b>Family Name or Surname</b> <u>CROWTHER</u>
---	--

<b>Inventor's Signature</b> 	<b>Date</b> <u>1/20/04</u>
---------------------------------	-------------------------------

<b>Residence: City</b> <u>Aloha</u>	<b>State</b> <u>OR</u>	<b>Country</b> <u>USA</u>	<b>Citizenship</b> <u>USA</u>
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**NAME OF SECOND INVENTOR:** ☐ A petition has been filed for this unsigned inventor

<b>Given Name</b> <u>RAVINDRA KUMAR</u>	<b>Family Name or Surname</b> <u>RAMA REDDY</u>
--	--

<b>Inventor's Signature</b> 	<b>Date</b> <u>1/20/04</u>
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<b>Residence: City</b> <u>Beaverton</u>	<b>State</b> <u>OR</u>	<b>Country</b> <u>USA</u>	<b>Citizenship</b> <u>INDIA</u>
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☒ Additional Inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

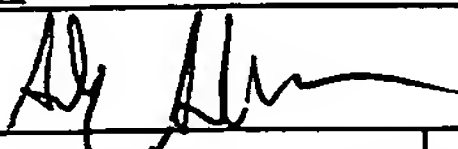
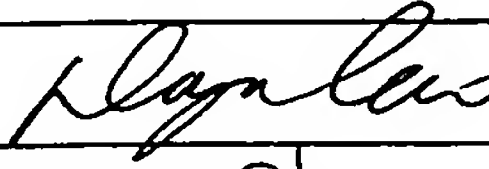
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# DECLARATION

## ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
ANDREW EUGENE		ADKINS	
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Mailing Address			
City	Portland	State	Oregon
		ZIP	97219
		Country	USA
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NANYU		CAO	
Inventor's Signature 		Date 01/20/04	
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		Zip	97229
		Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
		Country	
Mailing Address			
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City		State	
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10/519856

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : David Aaron Crowther; Ravi Reddy; Andy Eugene Adkins;  
Nanyu Cao  
Int'l Appln. No. : PCT/US03/17608  
Int'l Filed : June 4, 2003  
For : HETEROGENEOUS DISK STORAGE MANAGEMENT  
TECHNIQUE

APPOINTMENT OF ASSOCIATE ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

I, Harvey D. Fried, an attorney of record, hereby appoint Patricia A. Verlangieri,  
Reg. No. 42,201, Telephone: (609)734-6867, as associate attorney in the above-identified application,  
with full power to prosecute the above-identified application, to make alterations and amendments  
therein, and to transact all business in the Patent and Trademark Office connected therewith.

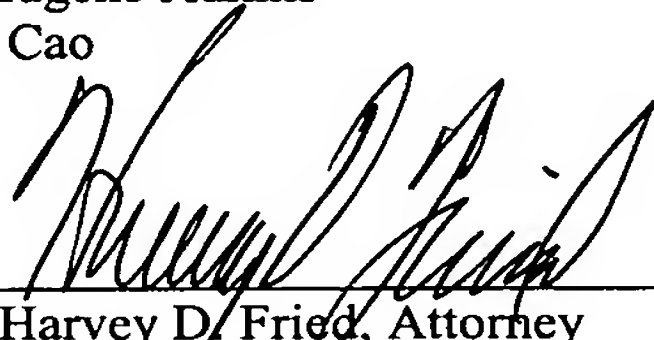
PLEASE ADDRESS ALL FUTURE COMMUNICATIONS TO:

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Princeton, NJ 08543-5312

Respectfully submitted,

David Aaron Crowther  
Ravi Reddy  
Andy Eugene Adkins  
Nanyu Cao

By

  
Harvey D. Fried, Attorney  
Reg. No. 28,298  
Phone: (609) 734-6811

Date: 22 Dec 2004